140

QL
461
P3

Published by the

Pacific Coast Entomological Society

in cooperation with

The California Academy of Sciences

VOLUME FORTY-FIVE

1969

EDITORIAL BOARD

R. W. THORP, *Editor*
R. O. SCHUSTER, *Assistant Editor*
E. G. LINSLEY
HUGH B. LEECH
E. S. ROSS
P. D. HURD, JR.
P. H. ARNAUD, JR., *Treasurer*
W. H. LANGE, *Advertising*

PUBLICATION COMMITTEE

1969	1970	1971
H. V. Daly, Chairman	D. D. Linsdale	P. D. Hurd, Jr.
W. E. Ferguson	D. P. Furman	R. F. Wilkey

San Francisco, California

1969

CONTENTS FOR VOLUME 45

Akre, R. D. and R. L. Torgerson
Behavior of *Vatesus* beetles associated with army ants 269

Alexander, C. P.
A new subfamily of winter crane flies 51
A new species of crane fly associated with the plant genus *Lopezia* in Mexico 291

Arnaud, P. H., Jr.
Edwin R. Leach—ninetieth birthday 66
In memoriam—Elwood Wendell Molseed 69
A 1968 flight of *Vanessa cardui* Linnaeus in San Francisco and Pacifica, California 69
Compsilura concinnata (Meigen) reared from *Agraulis vanillae incarnata* (Riley) at San Leandro, California 77
Occurrence of the genus *Enlinia* Aldrich in the western Nearctic 79
Recent literature 243

Ashlock, P. D.
Robert L. Usinger bibliography and list of names proposed 185

Blackwelder, R. E.
The nature of taxonomic data 293

Bohart, G. E.
A new species of *Dufourea* from California 57

Bohart, R. M. and E. E. Grissell
New species of *Psenini* 216

Briggs, T. S.
A new Holarctic family of Laniatorid Phalangids 35
Cave adaptations in phalangids of the genus *Taracus* 73

Buckett, J. S. and M. R. Gardner
Revision of the chordeumid milliped genus *Tynomma* Loomis from California 204

Bugbee, R. E.
New species of the genus *Eurytoma* from California 60

Butler, G. D., Jr., and P. H. Johnson

The development of *Cactobrosis fernaldialis* and *Albareda parabates* in relation to temperature 266

Chemsak, J. A.

Notes on the habits of *Astromula nitidum* Chemsak and Lindsley with descriptions of the immature stages 81

Records and descriptions of Mexican and Central American *Tillomorphini* 303

Clark, W. H. and G. L. Ralston

Occurrence of *Labidura riparia* (Pallas) in Baja California, Mexico 64

Cruden, R. W.

A new species of *Cordulegaster* from the Great Basin region of the United States 126

Dailey, D. C.

Synonymy of *Dryocosmus attractans* (Kinsey) and *Callirhytis uvellae* Weld 132

Edwards, J. G.

Book Review: Ecology and biogeography of high altitude insects 241

Ellis, R. A. and J. H. Borden

Effects of temperature and other environmental factors on *Notonecta undulata* Say 20

Fender, K. M.

New California *Malthodes* and distribution notes on other species in California 119

Fisher, T. W.

Correction and addition 80

Fisher, T. W. and R. E. Orth

Two new species of *Sepedon* separated from *S. armipes* Loew in western North America 152

A new *Dictya* in California with biological notes 222

Gagné, R. J.

A review of the genus *Walshomyia* including a new species from *Cupressus* galls in California 16

Gagné, W. C.
New distribution records of two Nearctic *Acalypta* Westwood 68

Gillogly, A. R.
Taxonomic notes on Nitidulidae of California 100

Gorelick, G. A.
Callophrys dumetorum (Bdv.) and *Callophrys viridis* (Edw.) in California 76

Gustafson, J. F.
Rearing observations on the madrona shield bearer *Coptodisca arbutiella* 75

Horning, D. S.
First recorded occurrence of the genus *Callanthidium* in Idaho with notes on three nests of *C. formosum* (Cresson) 239

Hynes, C. D.
The immature stages of *Arctoconopa carbonipes* (Alex.) 1
The immature stages of *Gonomyodes tacoma* Alex 116
The immature stages of the genus *Rhabdomastix* 229

Jensen, S. L.
A new species of *Pseudocloeon* from Idaho 14

Johnson, C. D.
Horn's Bruchidae type-material in the Ulke collection 54
The location of the holotypes of *Bruchus cubiculus* Casey and *Mylabris wheelocki* Blatchley 237

Lane, R. S. and J. F. Gustafson
Salt marsh insects 78

Linsley, E. G.
Robert Leslie Usinger, 1912–1968 167

Mayo, V. K.
Nymph of *Thraulodes speciosus* Traver with notes on a symbiotic Chironomid 103

Miller, D. R., R. M. Bohart, and R. F. Wilkey
Howard Lester McKenzie, Jr., 1910–1968 247

Nelson, C. H. and J. F. Hanson
The genus *Utaperla* 26

Nutting, W. L.
Distribution and flights of rare North American desert termites of the genus *Amitermes* 320

Opler, P. A.
Status of knowledge of the leaf-mining Lepidoptera of California 74
Two new species of *Caloptilia* associated with *Rhus* in California 259

Page charges 326

Philip, C. B.
New or little-known Neotropical Tabanidae 147

Powell, J. A.
Prey hunting and courtship of *Cyrtopogon vanduzeei* Wil. & Mart. 67
Occurrence of *Cacoeciamorpha pronubana* (Hbn.) in Oregon 70

Powell, J. A. and W. J. Turner
Observations on oviposition behavior in *Orussus occidentalis* 73

Proceedings, Pacific Coast Entomological Society 65

Rotramel, G.
Orientation and coupling in *Dilophus orbatus* 74

Simpson, R. G.
Book Review: Ecology of aphidophagous insects 325

Slobodchikoff, C. N.
Book Review: Six-legged science 242

Society Notices 244

Stevens, R. E.
Occurrence of *Exoteleia burkei* in the Sierra Nevada 238

Struble, G. R.
Gall wasp infestations in forest trees, chiefly pines, of California 112

Thorp, R. W.
The identity of *Bombus vandykei* 87

Tinkham, E. R. and D. C. Rentz

Notes on the bionomics and distribution of the genus *Stenopelmatus* in Central California with the description of a new species 4

Van Volkinburg, D.

Thinoseius spinosus found in new and unusual habitat 318

Wickman, B. E.

A crossbreeding study of the cedar tree borer, *Semanotus ligneus amplus*, and the fir tree borer, *S. litigiosus* 282

Williams, S. C.

A new species of *Syntropis* from Baja California Sur, Mexico with notes on its biology 285

Wirth, W. W. and F. S. Blanton

A new Nearctic species of the genus *Paradasyhelea* Macfie 97

Zimmerman, E. C.

Francis Xavier Williams, 1882–1967 135

Zoological Nomenclature 56, 240